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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,295,892 B2  
DATED : November 13, 2007  
INVENTOR(S) : Herr et al.

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 3, line 52 delete "3'-10B." and replace with --FIGS. 3-10B--.

Column 4, line 9 delete "(e.g. the ground) a" and replace with --(e.g. the ground), a--.

Column 4, line 11 delete "(x" and replace with -- $\alpha$ --.

Column 4, line 35 delete "j".

Column 4, line 45 delete " , for example and" and replace with -- , for example, and--.

Column 4, line 54 delete "contact phases 34 the" and replace with --contact phases 34, the--.

Column 4, line 66 delete "locomotion the" and replace with --locomotion, the--.

Column 5, line 52 delete "form" and replace with --from--.

Column 5, line 67 delete "flight" and replace with --flight--.

Column 6, lines 55-56 delete "sensors one" and replace with --sensors, one--.

Column 7, line 5 delete "10".

Column 7, line 12 delete "108." and replace with --108)--.

Column 7, line 45 after "according" insert the word --to--.

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Column 7, line 49 delete "comparable" and replace with --comparably--.

Column 8, line 20 delete "touch-down the" and replace with --touch-down, the--.

Column 8, line 27 delete "Act" and replace with -- $\Delta\alpha$ --.

Column 8, line 31 delete "an" and replace with --a--.

Column 8, line 45 delete "robot." and replace with --robots.--.

Column 8, line 60 delete " $\Delta E = \int F_{axial} \ell \, dt$ ." and replace with -- $\Delta E = \int F_{axial} \dot{\ell} \, dt$ --.

Column 9, line 4 delete "Should" and replace with --should--.

Column 9, line 43 delete "these" and replace with --this--.

Column 9, line 50 delete "formulation the" and replace with --formulation, the--.

Column 9, line 65 delete "conservative it" and replace with --conservative, it--.

Column 10, line 12 delete "impose" and replace with --imposes--.

Column 10, line 35 delete "an" and replace with --and--.

Column 11, line 14 delete "which and estimate" and replace with --which an estimate--.

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Column 11, line 15 delete "take-of" and replace with --take-off--.

Column 11, line 19 delete "the" and replace with --then--.

Column 11, line 56 delete " $y_{APEX}^*$ " and replace with -- $y_{APEX}^*$ --.

Column 11, line 60 delete " $y_{i+1} = y_i = y_{APEX}^*$ " and replace with -- $y_{i+1} = y_i = y_{APEX}^*$ --.

Column 12, line 47 delete "a" and replace with --, a--.

Column 12, line 56 delete "step this" and replace with --step, this--.

Column 14, line 14 delete "literature only" and replace with --literature, only a--.

Column 14, line 28 delete "one an analytical" and replace with --one analytical--.

Column 14, line 31 delete "locomotor-y" and replace with --locomotory--.

Column 14, line 31 delete "running the" and replace with --running, the--.

Column 14, line 37 delete "framework the" and replace with --framework, the--.

Column 14, line 47 delete "point two" and replace with --point, two--.

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